

ABSTRACT

The present invention relates to a silencer (25a) for the attenuation of noise occurring in an intake airstream (10, 27) of a gas turbine (1-3). According to the invention, in this case, the silencer (25a) has means (31, 32, 33, 34) for the introduction of water and/or steam into the intake airstream (10, 27). These means may be designed, in particular, in the form of Venturi tubes (31), the water (29) being supplied, in particular above the saturation limit, to the airstream (27) via nozzles (33) arranged at the narrowest point. In this way, the silencing can be combined at the same time with the introduction of water for increasing the power output or for the general regulation of the gas turbine, this being achieved with a comparatively simple design.

(Fig. 2b)